IN THE CLAIMS

1. (Currently amended) Adjusting device for adjusting a camshaft (20) relative to a camshaft gear wheel (30) driven by a crankshaft, ~~wherein~~ comprising first and second parts (2, 3) provided for [[the]] adjusting the camshaft ~~procedure are each~~ arranged on the camshaft gear wheel (30) and on the camshaft (20), and the adjusting device further comprises an input shaft (4), an eccentric drive element (4.2, 6) that can be driven by the input shaft, [[a]] the first part (2) [[with]] including webs (2.3, 22.3), which are spaced apart in a peripheral direction and between which chambers (2.4) are formed, [[a]] the second part (3) [[with]] including internal gearing (3.2, 13.2), and several teeth (7, 27), which are arranged in the chambers (2.4) spaced apart from each other in the peripheral direction, each having an inner contact surface (7.4) for contact with a drive element (6) and an outer contact surface (7.5) for engagement in the internal gearing (3.2, 13.2) and which are adjustable in a radial direction when the input shaft (4) rotates, wherein when the input shaft (4) rotates, the parts (2, 3) can rotate relative to each other in a self-locking way [[under]] through engagement of the teeth (7, 27) in the webs (22.3) and in the internal gearing (3.2), ~~characterized in that~~ and when the input shaft (4) rotates, the teeth (7, 27) in the chambers (2.4) can execute rotational movements about rotational axes parallel to a rotational axis (A) of the parts (2, 3).

2. (Currently amended) Adjusting device according to Claim 1, ~~characterized in that~~ wherein when the input shaft (4) rotates, each of the teeth (7, 27) can be guided on a first circular-arc path radially inwardly and then on a second circular-arc path radially outwardly.

3. (Currently amended) Adjusting device according to Claim 1, wherein ~~Claim 1 or 2, characterized in that~~ a control surface (5.2) is provided for engagement in the

teeth (7, 27), wherein torque can be exerted on the teeth (7) by the control surface (5.2) for executing the rotational movements.

4. (Currently amended) Adjusting device according to Claim 3, ~~characterized in that~~ wherein the teeth (7, 27) are supported radially inwardly by the drive element (6) and the control surface (5.2) is led into engagement with an inner contact surface (7.4) of one of the teeth (7, 27) only in radially inner positions of the tooth (7, 27).

5. (Currently amended) Adjusting device according to Claim 3, wherein ~~Claim 3 or 4, characterized in that~~ the control surface is a control gearing region (5.2, 15.2) of a control gear wheel (5, 15)~~, preferably an external gear wheel~~.

6. (Currently amended) Adjusting device according to Claim 5, ~~characterized in that~~ wherein the control gearing region is an external gearing region (5.2, 15.2) of an external gear wheel (5, 15) rotationally fixed to the second part (13).

7. (Currently amended) Adjusting device according to Claim 5, ~~characterized in that~~ wherein the control gear wheel (5, 15) is supported so that it can rotate freely about the rotational axis (A) of the parts.

8. (Currently amended) Adjusting device according to Claim 3, wherein ~~one of Claims 3 to 5, characterized in that~~ an axially projecting tab (7.9), which is held in a guide (2.7) of the first part (2), is formed on the tooth (7, 27).

9. (Currently amended) Adjusting device according to Claim 8, ~~characterized in that~~ wherein the guide is a recess (2.7) formed in the first part (2) between the webs (22.3).

10. (Currently amended) Adjusting device according to Claim 8, wherein ~~Claim 8 or 9, characterized in that~~ the guide (2.7) tapers towards the rotational axis.

11. (Currently amended) Adjusting device according to Claim 10, ~~characterized in that~~ wherein the tooth (7, 27) can rotate in a radially inner position about a rotational axis defined by the tab (7.9).

12. (Currently amended) Adjusting device according to Claim 1, wherein ~~one of Claims 1 to 5, characterized in that~~ on side surfaces of the teeth and the webs acting as sliding surfaces, the teeth (27) and the webs (22) have shoulder regions (22.4, 27.1), which are led into contact with each other.

13. (Currently amended) Adjusting device according to Claim 1, wherein ~~one of the preceding claims, characterized in that~~ the webs (2.3, 22.3) taper towards the rotational axis.

14. (Currently amended) Adjusting device according to Claim 3, wherein ~~one of Claims 1 to 3, characterized in that~~ the control surface (15.2, 5.2) is formed on a control disk (5, 15), which can rotate ~~by means of~~ via the input shaft (4), ~~preferably~~ with a frictional connection between the control surface (5.2, 15.2) and the radially inner contact surfaces (7.4) of the teeth in radially inner positions thereof.

15. (Currently amended) Adjusting device according to Claim 14, ~~characterized in that~~ wherein the control disk (5) is led into engagement with the inner contact surfaces (7.4) of the teeth (7, 27) only in the control surface (5.2).

16. (Currently amended) Adjusting device according to Claim 14 ~~or 15~~, ~~characterized in that~~ wherein the control disk [[(6)]] is fixed rigidly on the drive shaft (4), ~~preferably~~ by a locking tab of the drive shaft (4), which is guided by a locking recess of the control disk (5).

17. (Currently amended) Adjusting device according to Claim 1, wherein ~~one of the preceding claims, characterized in that~~ the webs (2.3, 22.3) have in a radially center region (2.6) a taper with concave side surfaces (2.5).

18. (Currently amended) Adjusting device according to Claim 1, wherein ~~one of the preceding claims, characterized in that~~ the teeth (7, 27) each have a center region (7.6) connecting the regions (7.2, 7.3) to at least partially concave side surfaces (7.7) between a radially inner region (7.2), which has the inner contact surface (7.4), and a radially outer region (7.3), which has the outer contact surface (7.5), for sliding and/or rolling contact on the webs (2.4).

19. (Currently amended) Adjusting device according to Claim 1, wherein ~~one of the preceding claims, characterized in that~~ the drive element is an eccentric ring (6), which is guided in a sliding manner on an eccentric disk (4.2) of the drive shaft (4).

20. (Currently amended) Adjusting device according to Claim 19, ~~characterized in that~~ wherein the eccentric ring (6) executes a wobble movement, ~~preferably~~ essentially without rotation, wherein the inner contact surfaces of the teeth (7, 27) roll on the eccentric ring (6).

21. (Currently amended) Adjusting device according to Claim 1, wherein ~~one of the~~

~~preceding claims, characterized in that~~ the teeth (7, 17, 27) are biased in [[the]] a radial direction.

22. (Currently amended) Adjusting device according to Claim 21, ~~characterized in that~~ wherein the teeth (7, 17, 27) are biased towards the rotational axis and have axially extending projections (7,1, 17.1) or regions, around which is set an elastic ring (8, 18) biased towards the rotational axis.

23. (Currently amended) Adjusting device according to Claim 21, ~~characterized in that~~ wherein the teeth (7, 17, 27) are biased radially outwardly and between an eccentric disk (4.2, 14.2) and the input shaft (4, 14) there is a biasing spring element (4.3), which presses the eccentric disk (4.2, 14.2) radially outwardly away from the input shaft (4, 14).

24. (Currently amended) Adjusting device according to Claim 23, ~~characterized in that~~ wherein the biasing spring element (4.3) is mounted through at least partial plastic deformation between the input shaft (4), ~~preferably a flattened region (4.1) of the input shaft (4),~~ and the eccentric disk (4.2, 14.2).